**API DOCUMENTATION**

**1.Title: Display patients records**

**URL: /hospital/patients**

**Method: GET**

**URL Params: Optional: patientid=[integer] OR firstname=[string] or lastname=[string] OR birthdate[date]**

**Response Codes: Success (200 OK), Not Found (404)**

**Sample Calls and Response:**

|  |  |
| --- | --- |
| **Call** | **Response** |
| [**http://localhost:51670/api/hospital/patients**](http://localhost:51670/api/hospital/patients) | [  {  "patientid": 1,  "firstname": "Arun",  "lastname": "Thomas",  "birthdate": "7/27/1992 12:00:00 AM",  "address": "9519 University Terrace Drive Apt C",  "city": "Charlotte",  "state": "NC",  "medicalnotes": "Fever and Cold",  "nextvisitdate": "5/28/2018 12:00:00 AM",  "cell": 7047635306,  "zip": 28262  },  {  "patientid": 2,  "firstname": "Nayana",  "lastname": "Thomas",  "birthdate": "8/21/1992 12:00:00 AM",  "address": "Ashford Green, University Park",  "city": "Dallas",  "state": "TX",  "medicalnotes": "Headache",  "nextvisitdate": "6/21/2018 12:00:00 AM",  "cell": 7879991233,  "zip": 26626  }  ] |
| http://localhost:51670/api/hospital/patients/?patientid=1 | [  {  "patientid": 1,  "firstname": "Arun",  "lastname": "Thomas",  "birthdate": "7/27/1992 12:00:00 AM",  "address": "9519 University Terrace Drive Apt C",  "city": "Charlotte",  "state": "NC",  "medicalnotes": "Fever and Cold",  "nextvisitdate": "5/28/2018 12:00:00 AM",  "cell": 7047635306,  "zip": 28262  }  ] |
| http://localhost:51670/api/hospital/patients/?firstname=nayana&birthdate=1992-08-21 | [  {  "patientid": 2,  "firstname": "Nayana",  "lastname": "Thomas",  "birthdate": "8/21/1992 12:00:00 AM",  "address": "Ashford Green, University Park",  "city": "Dallas",  "state": "TX",  "medicalnotes": "Headache",  "nextvisitdate": "6/21/2018 12:00:00 AM",  "cell": 7879991233,  "zip": 26626  }  ] |
| http://localhost:51670/api/hospital/patients/?firstname=nayana&lastname=thomas | [  {  "patientid": 2,  "firstname": "Nayana",  "lastname": "Thomas",  "birthdate": "8/21/1992 12:00:00 AM",  "address": "Ashford Green, University Park",  "city": "Dallas",  "state": "TX",  "medicalnotes": "Headache",  "nextvisitdate": "6/21/2018 12:00:00 AM",  "cell": 7879991233,  "zip": 26626  }  ] |

**2.Title: Display practice records**

**URL: /hospital/practices**

**Method: GET**

**URL Params: Optional: practiceid=[integer] OR practicename=[string] or speciality=[string] OR licensenumber=[string]**

**Response Codes: Success (200 OK), Not Found (404)**

**Sample Calls and Response:**

|  |  |
| --- | --- |
| http://localhost:51670/api/hospital/practices | [  {  "practiceid": 1,  "practicename": "Aswin",  "speciality": "Neurology",  "licensenumber": "123",  "address": "California",  "city": "SanJose",  "state": "CA",  "cell": 7047635307,  "zip": 28282  },  {  "practiceid": 2,  "practicename": "Febin",  "speciality": "Oncology",  "licensenumber": "200",  "address": "California",  "city": "SanJose",  "state": "CA",  "cell": 9895862005,  "zip": 28282  }  ] |
| http://localhost:51670/api/hospital/practices/?practiceid=2 | [  {  "practiceid": 2,  "practicename": "Febin",  "speciality": "Oncology",  "licensenumber": "200",  "address": "California",  "city": "SanJose",  "state": "CA",  "cell": 9895862005,  "zip": 28282  }  ] |
| http://localhost:51670/api/hospital/practices/?practicename=Aswin | [  {  "practiceid": 1,  "practicename": "Aswin",  "speciality": "Neurology",  "licensenumber": "123",  "address": "California",  "city": "SanJose",  "state": "CA",  "cell": 7047635307,  "zip": 28282  }  ] |
| http://localhost:51670/api/hospital/practices/?practicename=febin&speciality=Oncology | [  {  "practiceid": 2,  "practicename": "Febin",  "speciality": "Oncology",  "licensenumber": "200",  "address": "California",  "city": "SanJose",  "state": "CA",  "cell": 9895862005,  "zip": 28282  }  ] |
| http://localhost:51670/api/hospital/practices/?licensenumber=200 | [  {  "practiceid": 2,  "practicename": "Febin",  "speciality": "Oncology",  "licensenumber": "200",  "address": "California",  "city": "SanJose",  "state": "CA",  "cell": 9895862005,  "zip": 28282  }  ] |

**3.Title: Display appointment records**

**URL: /hospital/appointments**

**Method: GET**

**URL Params: Optional: patientid=[integer] OR practicecid=[integer] or appointmentdate=[date] Response Codes: Success (200 OK), Not Found (404)**

**Sample Calls and Response:**

|  |  |
| --- | --- |
| http://localhost:51670/api/hospital/appointments | [  {  "appointmentid": 1,  "practiceid": 1,  "patientid": 1,  "appointmentdate": "5/24/2018 12:00:00 AM",  "time": "08:00:00",  "description": "fever and cold"  },  {  "appointmentid": 2,  "practiceid": 2,  "patientid": 2,  "appointmentdate": "5/23/2018 12:00:00 AM",  "time": "10:00:00",  "description": "Headache"  }  ] |
| http://localhost:51670/api/hospital/appointments/?practiceid=2 | [  {  "appointmentid": 2,  "practiceid": 2,  "patientid": 2,  "appointmentdate": "5/23/2018 12:00:00 AM",  "time": "10:00:00",  "description": "Headache"  }  ] |
| http://localhost:51670/api/hospital/appointments/?patientid=1 | [  {  "appointmentid": 1,  "practiceid": 1,  "patientid": 1,  "appointmentdate": "5/24/2018 12:00:00 AM",  "time": "08:00:00",  "description": "fever and cold"  }  ] |
| http://localhost:51670/api/hospital/appointments/?appointmentdate=2018-05-24 | [  {  "appointmentid": 1,  "practiceid": 1,  "patientid": 1,  "appointmentdate": "5/24/2018 12:00:00 AM",  "time": "08:00:00",  "description": "fever and cold"  }  ] |